

METHOD AND APPARATUS FOR USING HYDROXYL TO REDUCE
POLLUTANTS IN THE EXHAUST GASES FROM THE COMBUSTION OF A FUEL

ABSTRACT OF THE DISCLOSURE

A method and apparatus are provided for reducing pollutants in the exhaust gases produced from the combustion of a fuel by introducing hydroxyl and associated radicals and oxidizers into at least one of the precombustion and postcombustion gas stream of the combustion engine upstream of the catalytic converter and treating the exhaust gases with the catalytic converter.